



National Park Service - Southwest Alaska Network Inventory & Monitoring Program

Understanding How Park Ecosystems Are Changing 2nd Biennial Long-term Monitoring Symposium

Islands and Ocean Visitor Center, Homer
March 6, 2007

Afternoon Presentations (Auditorium) -- 12:00-4:30 p.m.

Presenter:

12:00 Film: Exploring the Biological Diversity of National Parks in Southwest Alaska
12:30 Catered Lunch (Seminar Room 12:30-1:30 pm)

Jim Pfeifferberger

Understanding the Past

1:30 Welcome and Introduction
2:00 Forty years of change in glacial ice coverage at Katmai National Park & Preserve
2:30 Reconstructing historic lake levels and timing of deglaciation
3:00 Reconstructing historic insect outbreaks from tree rings
3:30 Using satellites to monitor changes in snowcover, icecover, and vegetation
4:00 History of active volcanoes in the SWAN and recent eruptions
4:30 Dinner on your own (4:30-6:00 pm)

Alan Bennett
Kimberly Casey
Patricia Heiser
Ed Berg
Page Spencer
Tina Neal

Evening Program (Auditorium) -- 6:00-8:30 p.m.

Presenter:

6:00 Poster presentation in seminar room, Hors d'oeuvres and desserts
7:00 Keynote Presentation: That Was Then, This Is Now- A Century of Landscape Change in SWAN Parks as Revealed by Repeat Photography

Torre Jorgenson

Evening Poster Session (Seminar Room) -- 6:00-8:30 p.m.

Presenter:

Long-term Ecological Monitoring in the Southwest Alaska Network
Landscape Change as Revealed by Repeat Photography
Nunatak Plant Communities at Kenai Fjords and Lake Clark National Parks
Marine Nearshore Monitoring at Katmai National Park
Landscape Changes and Lake Productivity
Correlation of Lake Basins as Revealed by Tephra Deposits in Lake Clark National Park
Landsat-based Monitoring of Vegetation in the Southwest Alaska Network
Tree-ring Construction of Historic Insect Outbreaks
IKONOS High-resolution Satellite Imagery of SWAN Parks
Population Genetics of Black Bears on the Kenai Peninsula
Montane-nesting Birds in Katmai and Lake Clark National Parks

Alan Bennett
Torre Jorgenson
Amy Miller
Jim Bodkin
Brian Cohn
Matt Bowes
Robert Kennedy
Rosemary Sherriff
Jess Grunblatt
Stacie Robinson
Dan Ruthrauff

*The Southwest Alaska Inventory & Monitoring Network (SWAN) is an office of the National Park Service dedicated to providing the scientific foundation for effective, long-term protection and management of natural resources in five units of the national park system. **Resource inventories** inform park managers about the diversity of the resources held in trust and **long-term monitoring** provides information on the condition of natural resources and how they are changing. Collectively, this information will allow park managers and others to make informed decisions in support of protecting and managing national parks.*

